

FIGURE 1A

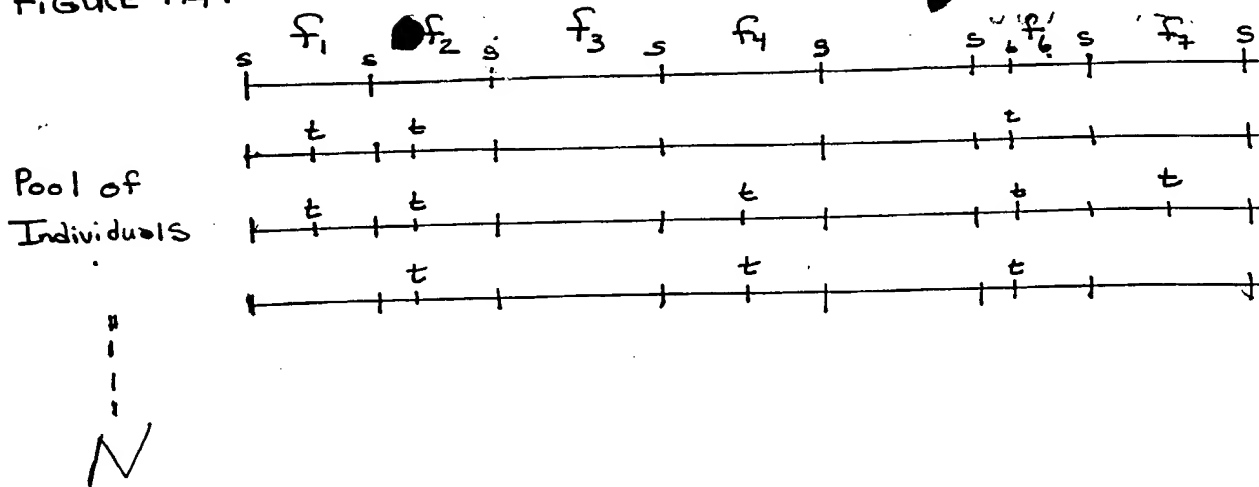


FIGURE 1B

Polymorphic  
Consensus  
Sequence

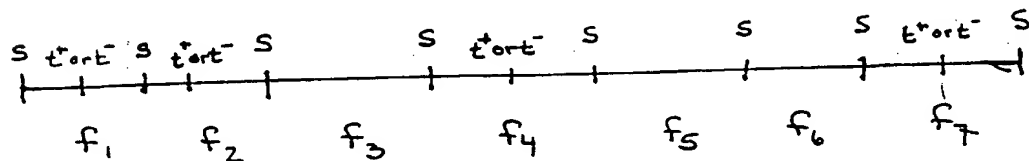


FIGURE 1C

Polymorphic  
Subregion

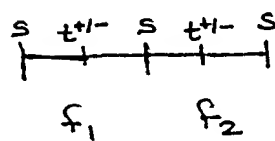
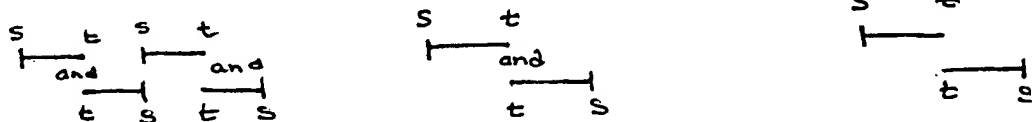


FIGURE 1D

Library



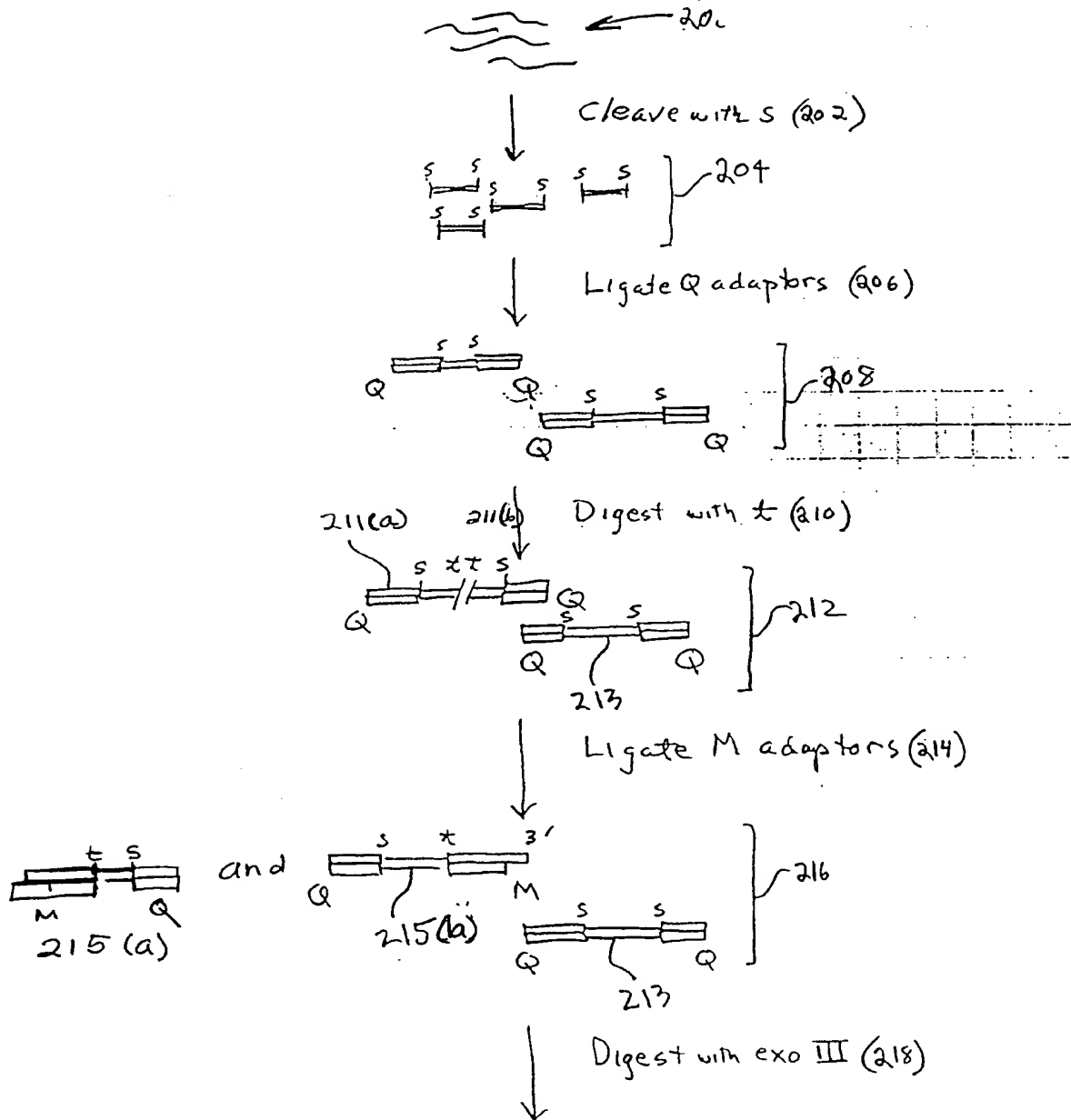


Fig. 2A

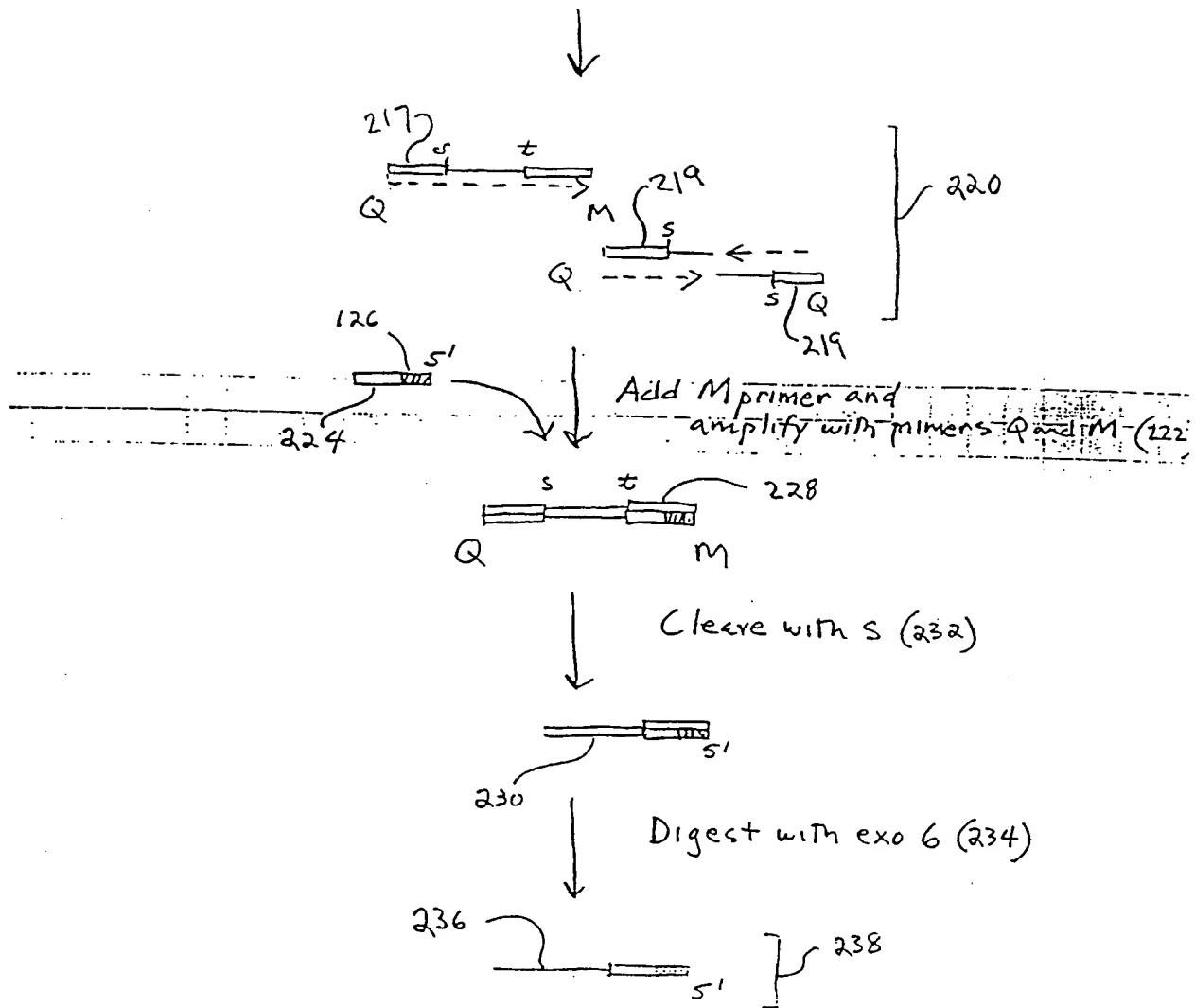


Fig 2B

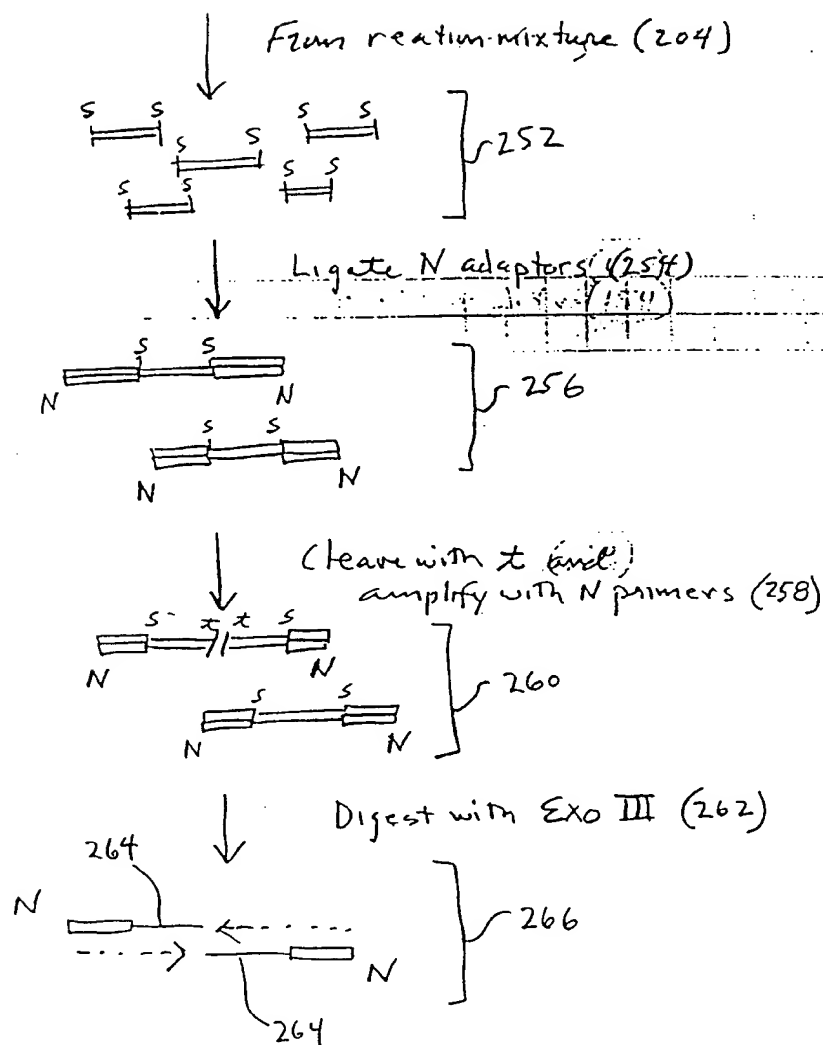


Fig. 2E

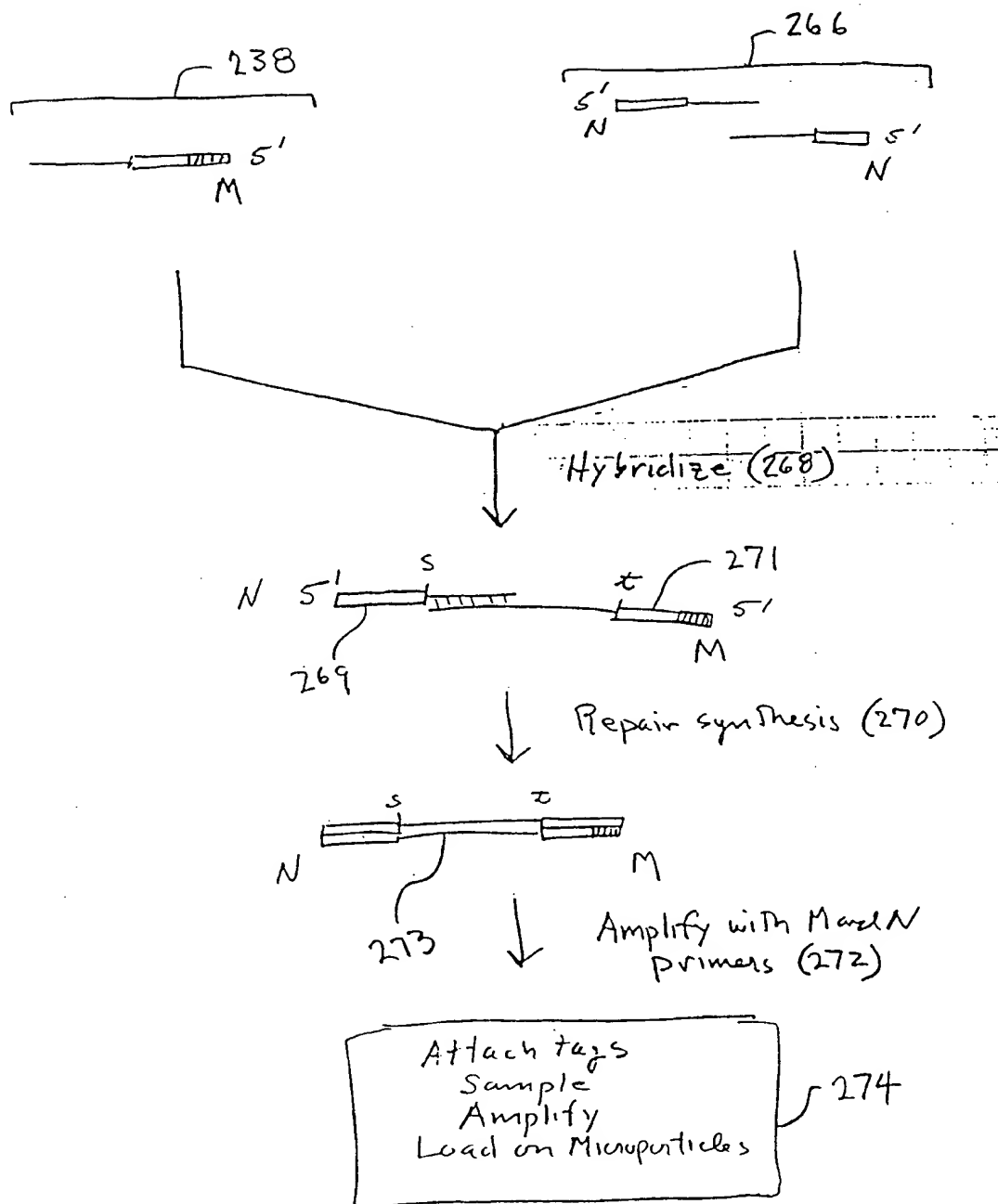
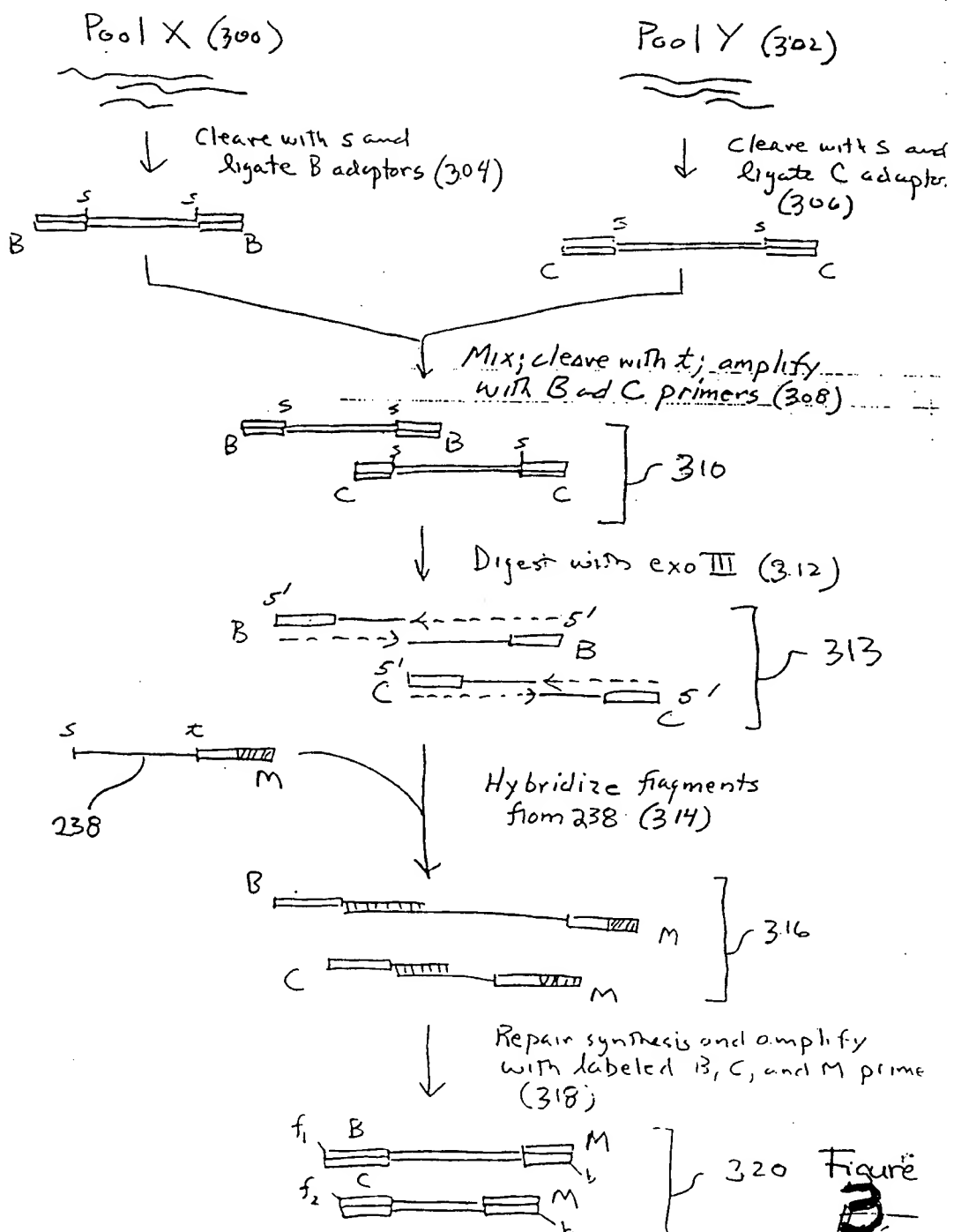


Fig. 21



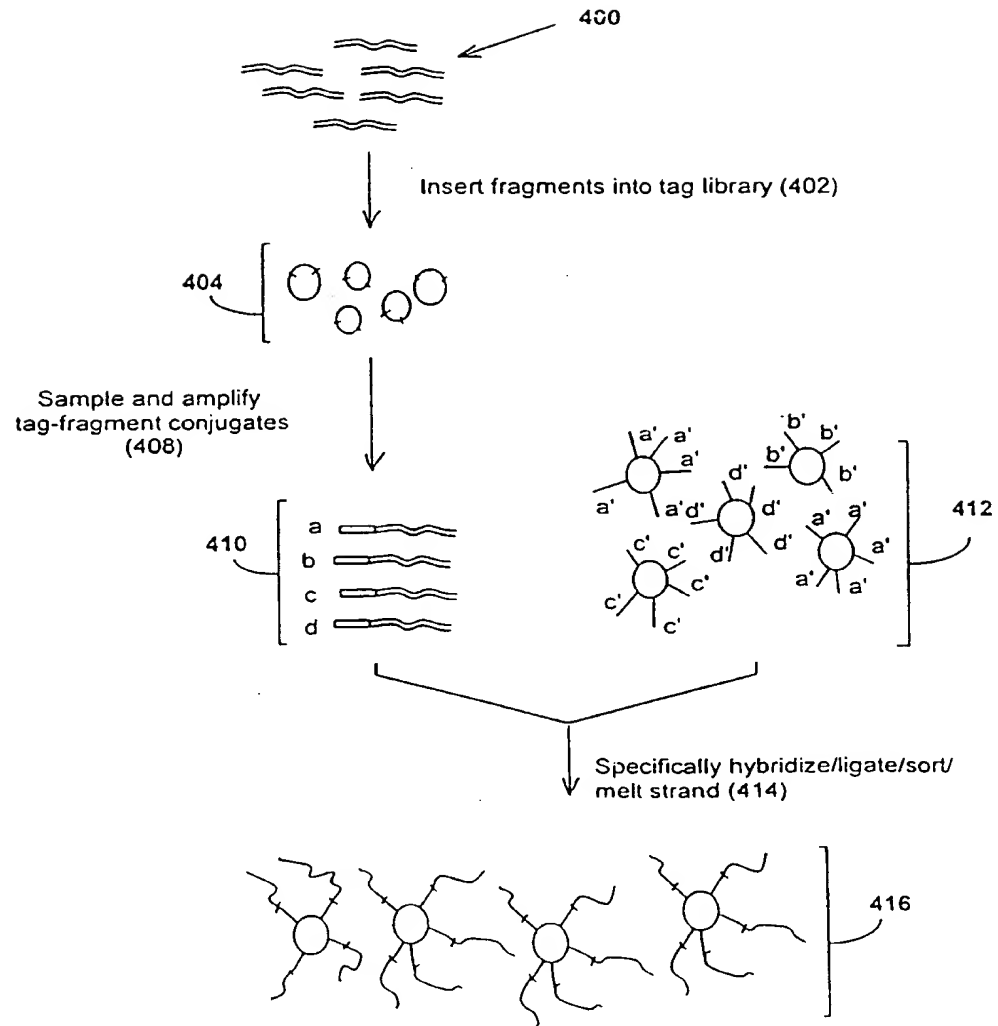


Fig. 4

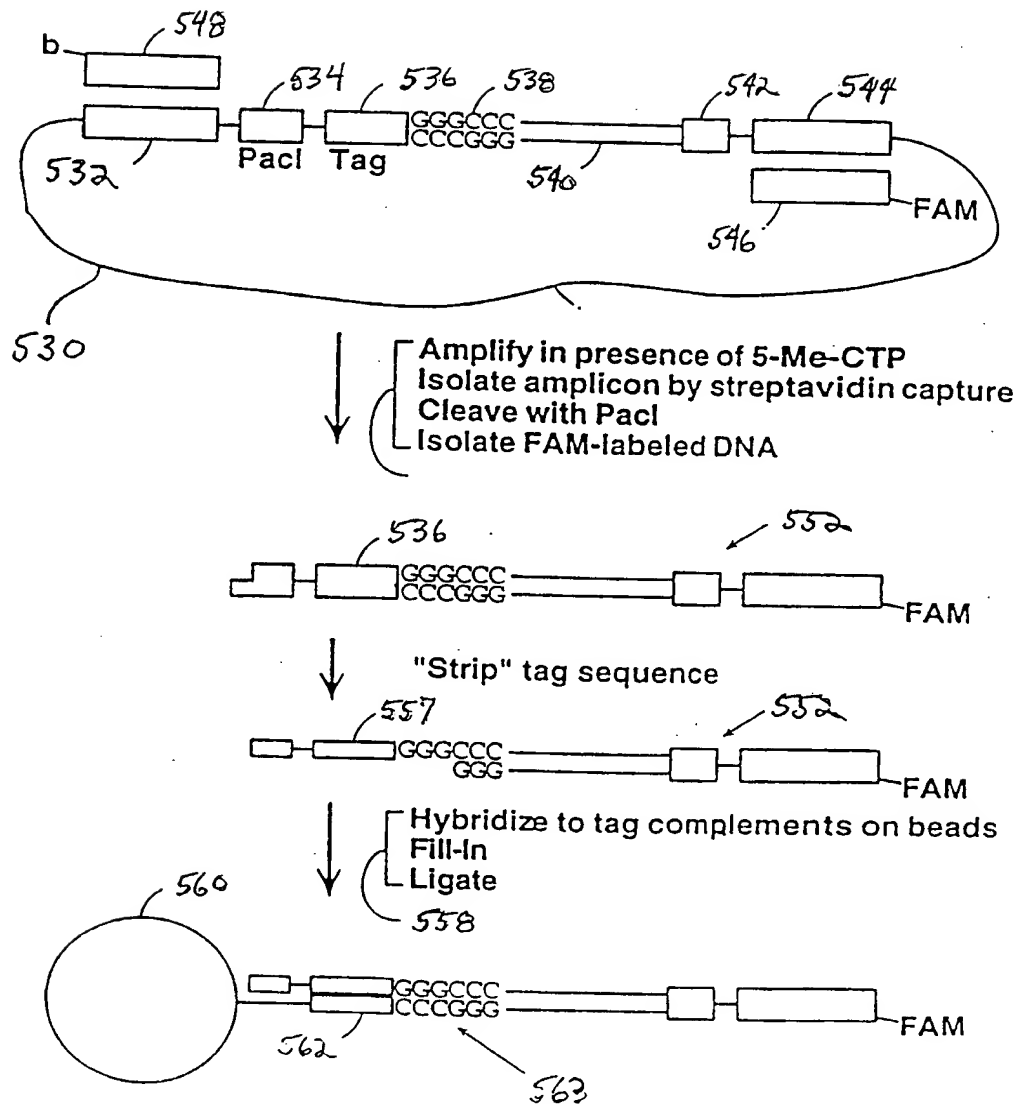
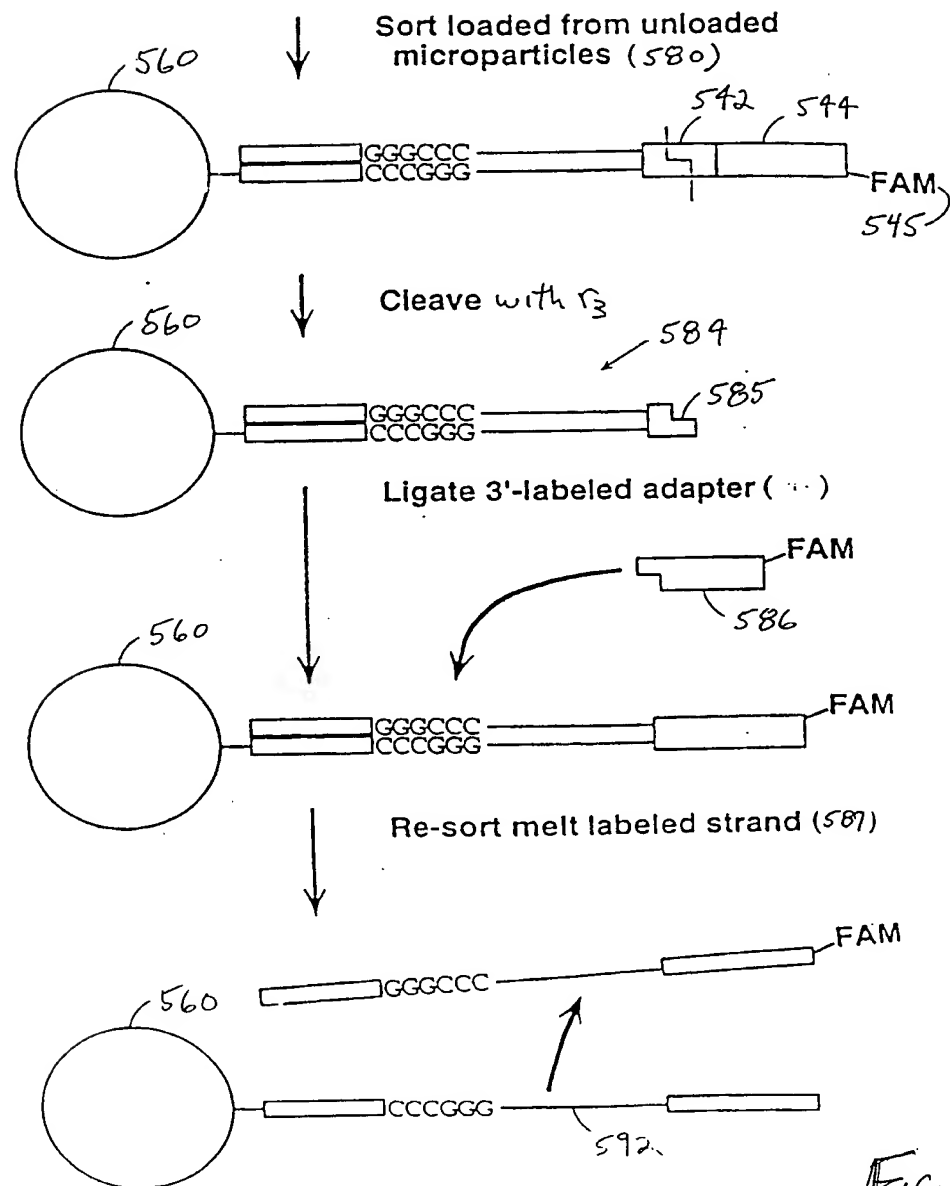


Fig 5A



FIG. 5  
B

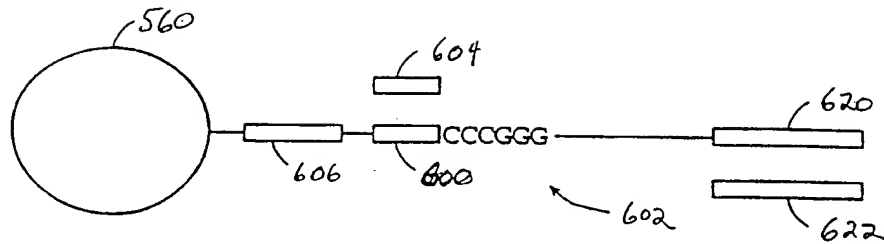


Fig. 6A

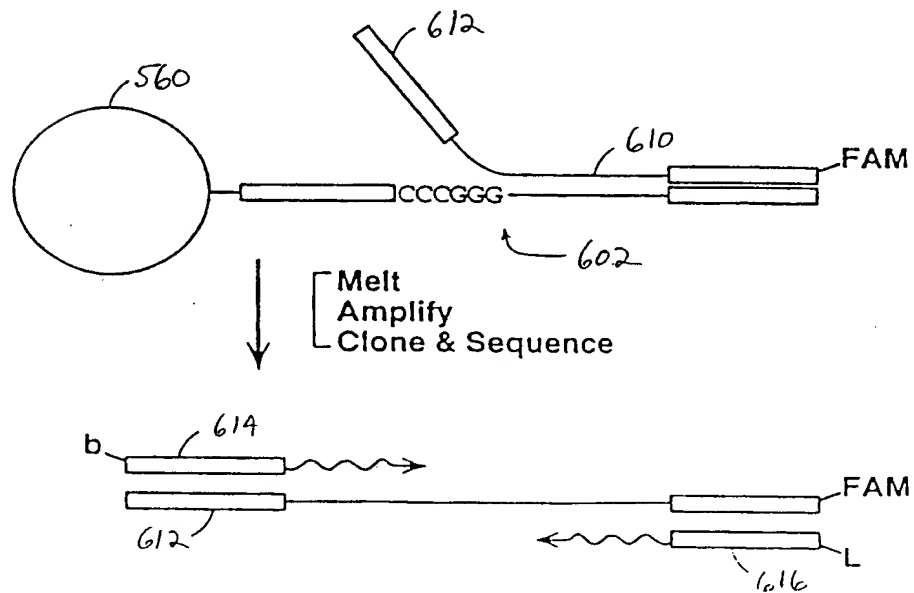
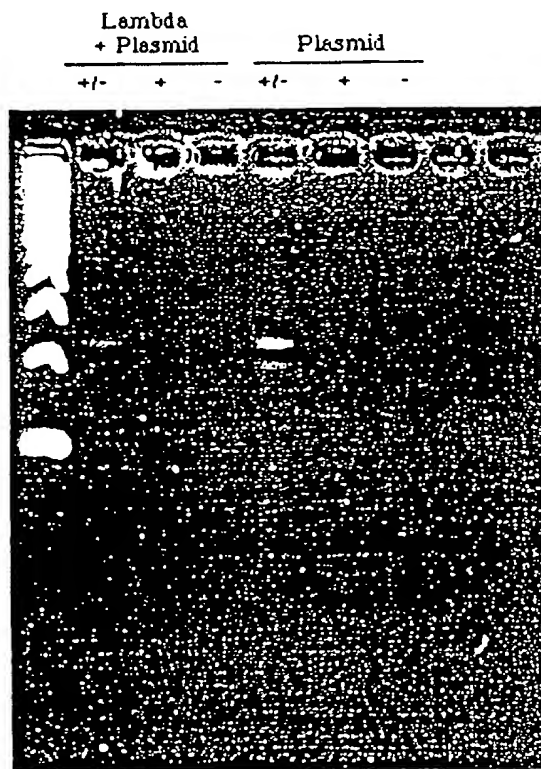
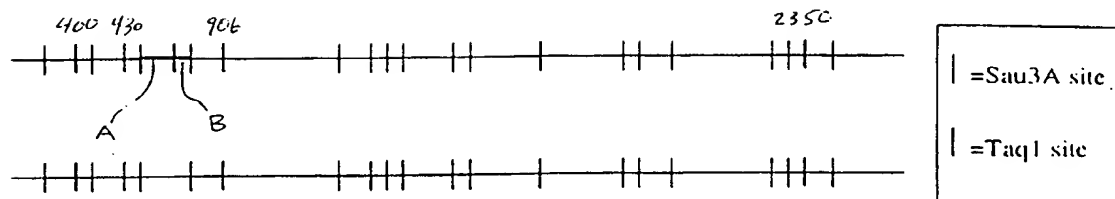


Fig. 6B

Fig. 7A



Expected bands approx 190bp  
230bp

Fig. 7B

## Generation of Taq+ fragments

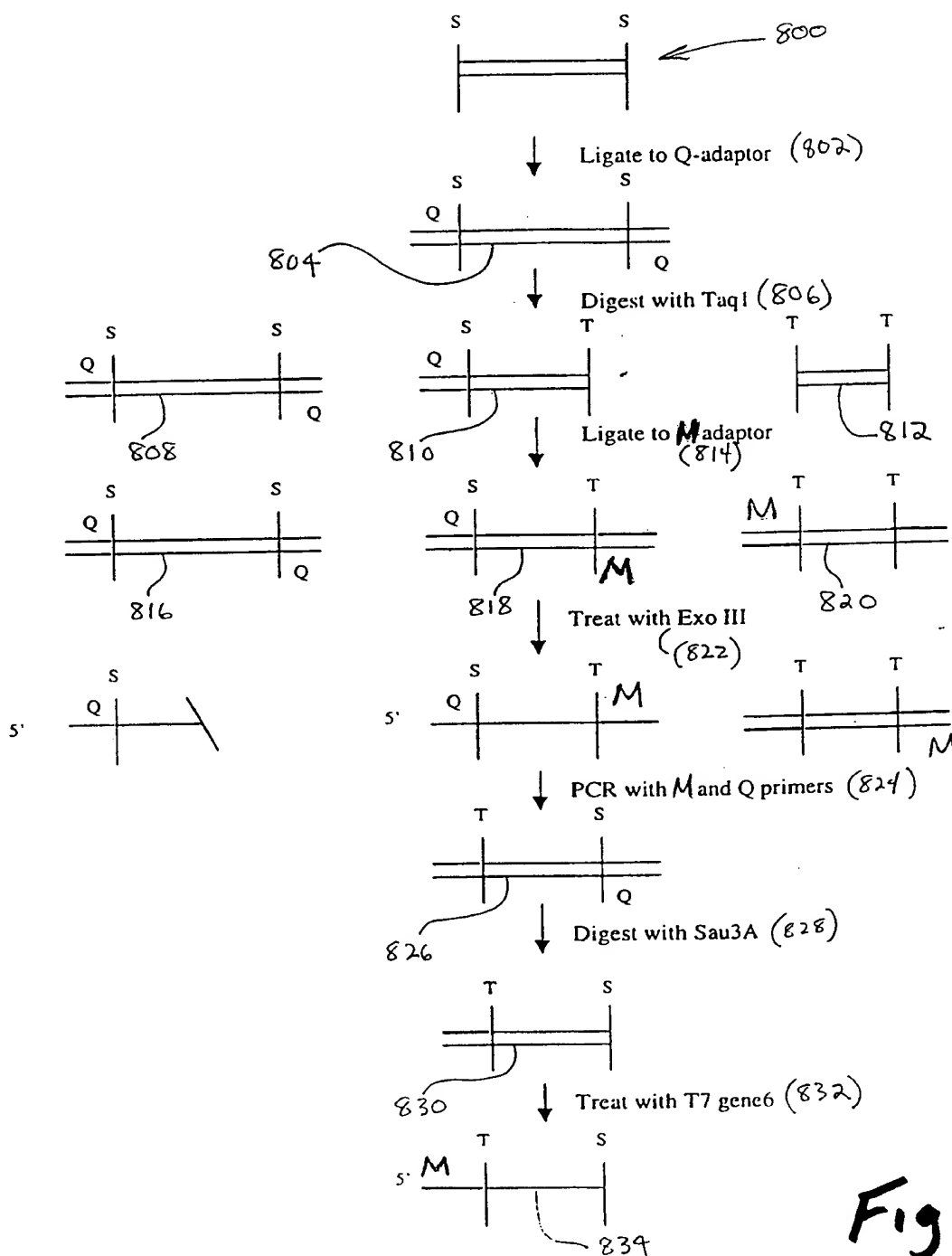
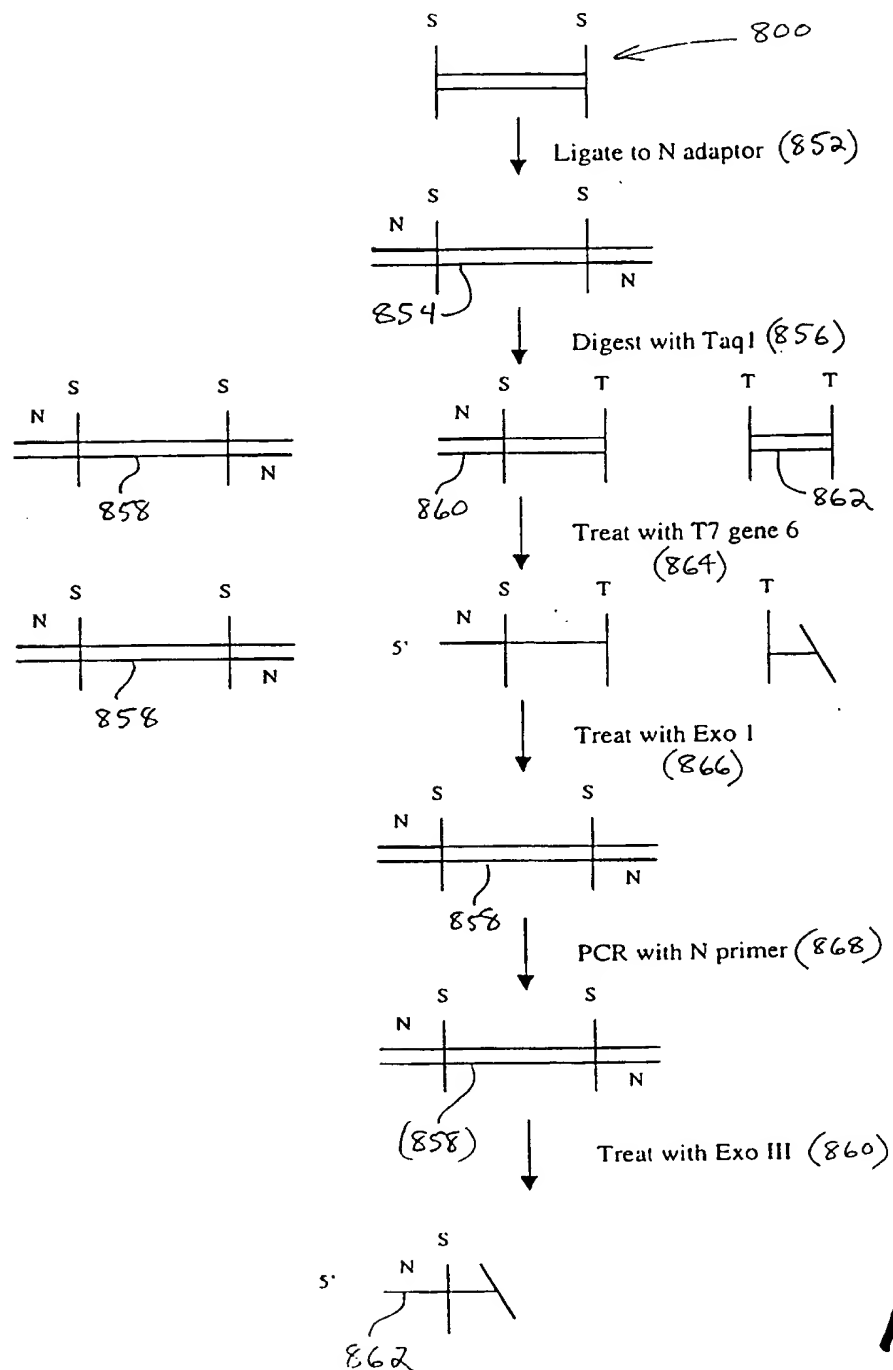


Fig 8A

## Generation of Taq- fragments

Fig 8<sup>B</sup>

## Rescue of polymorphic fragments

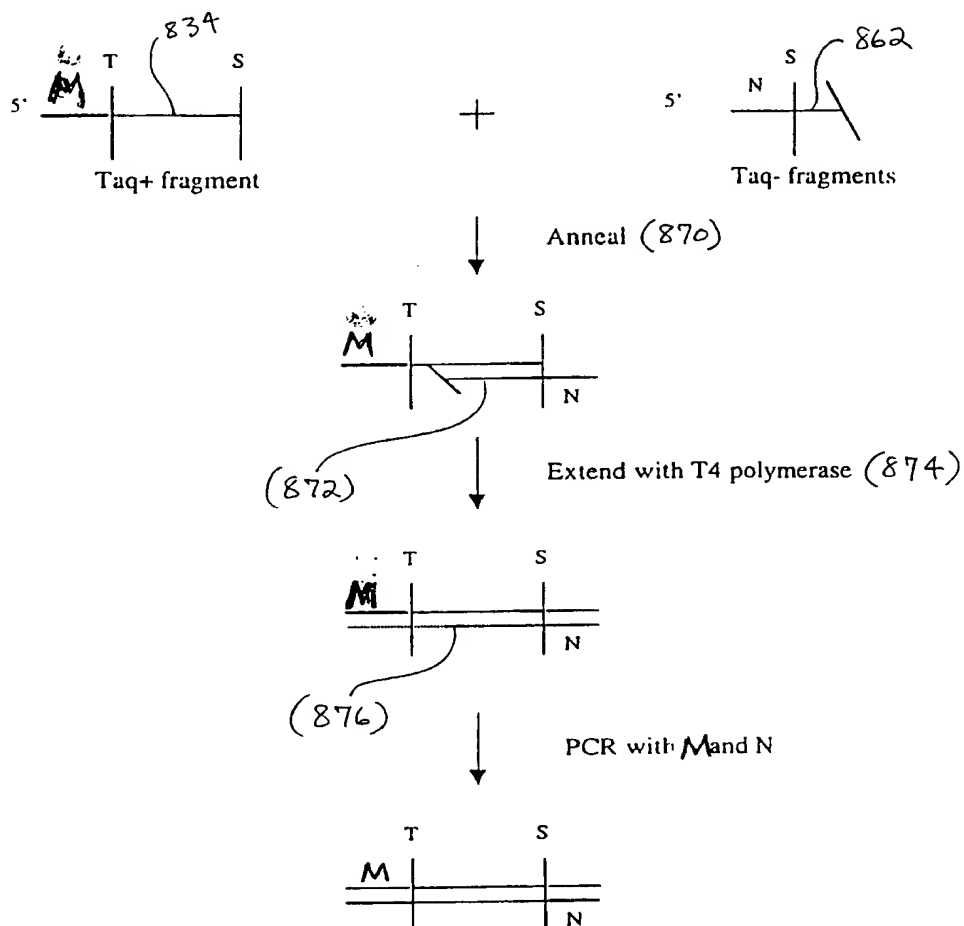


Fig 8C

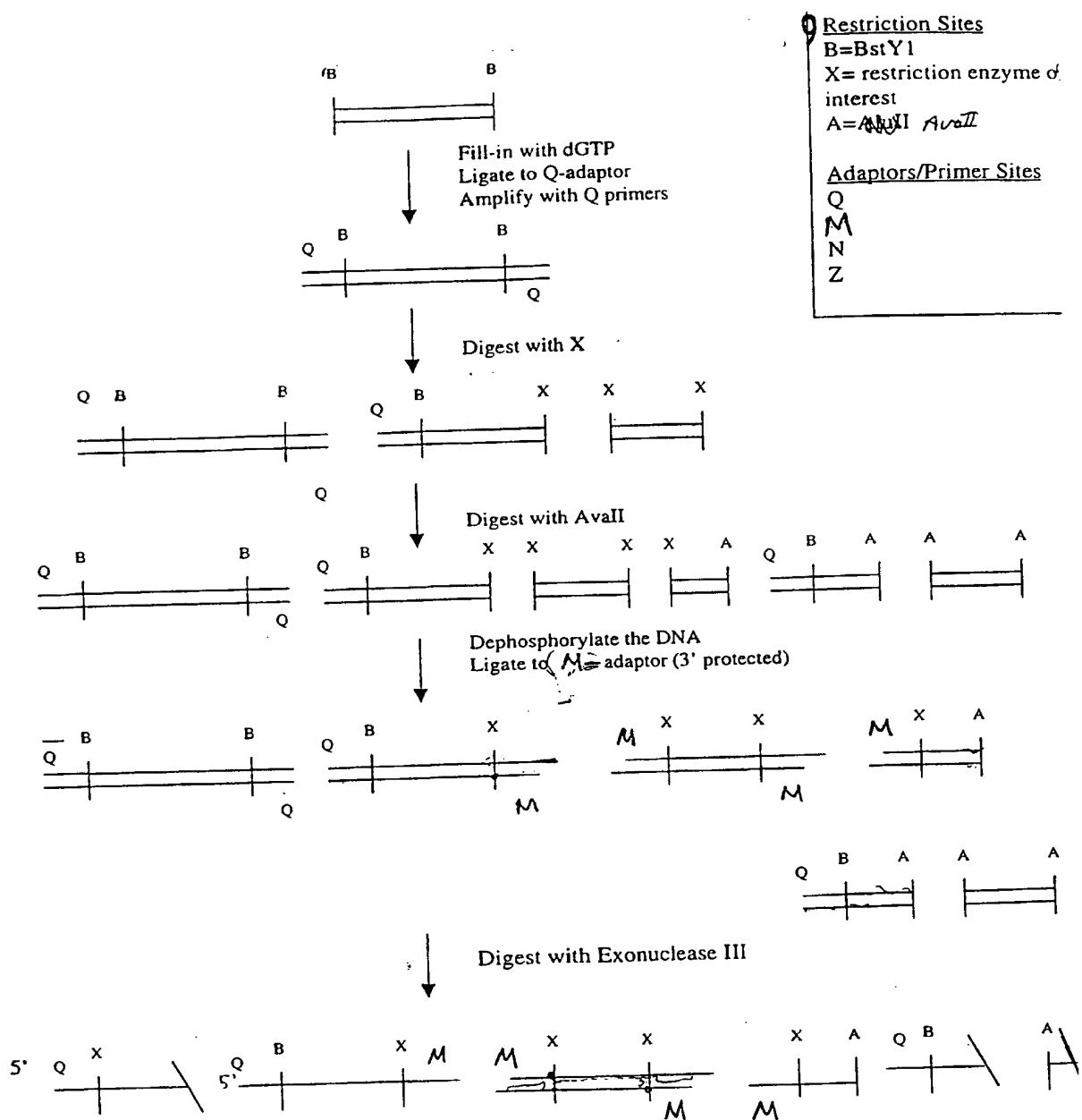


Fig 9A

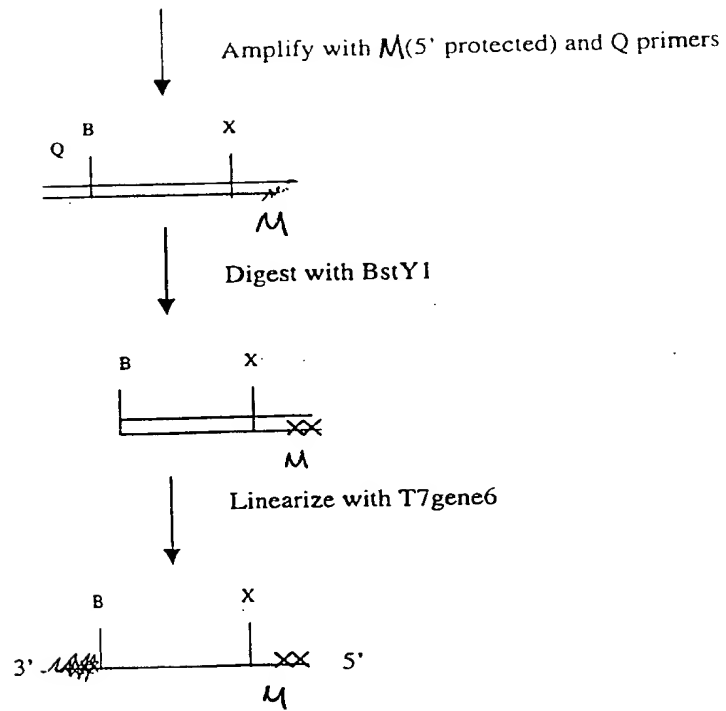


Fig. 9B



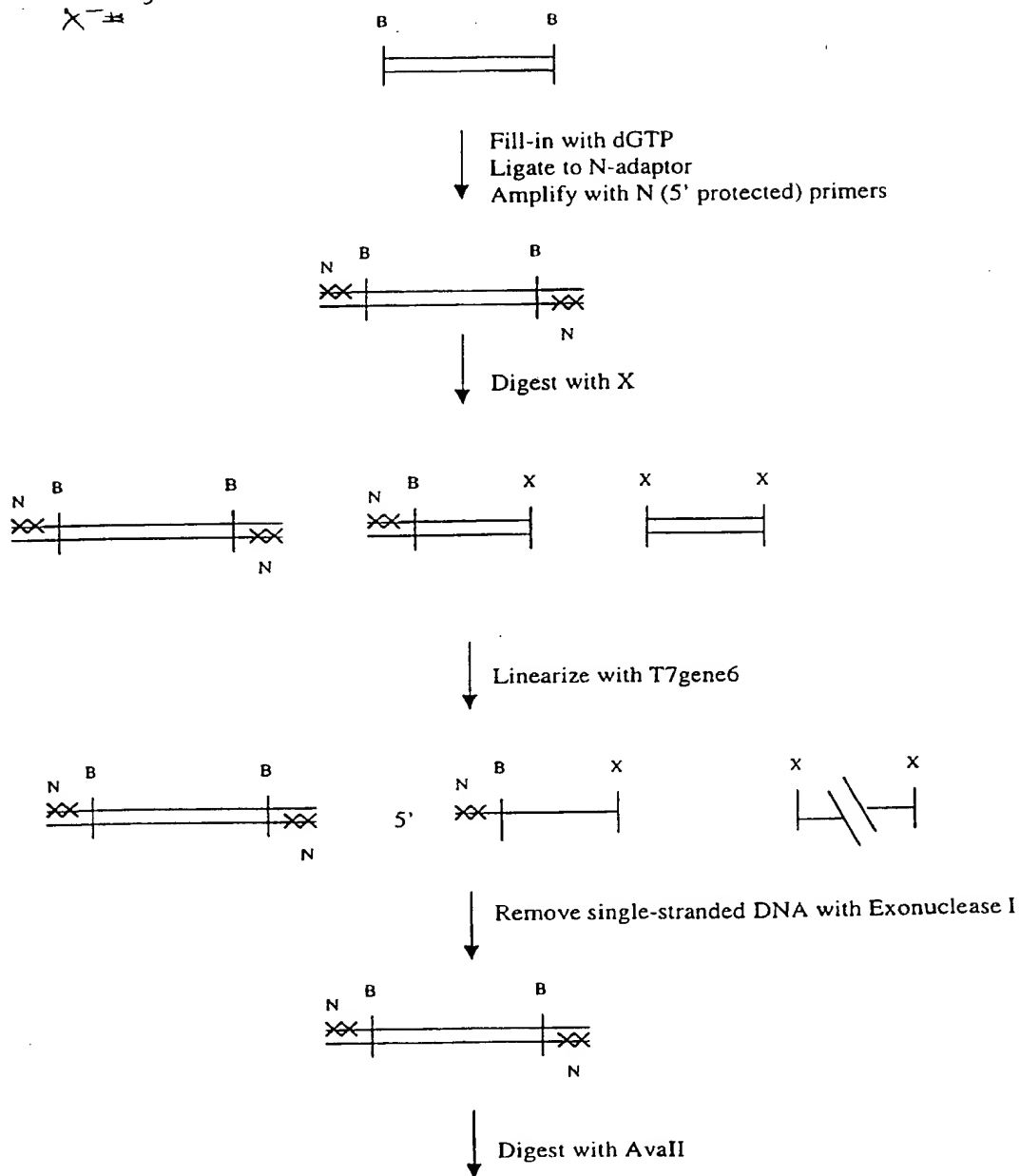
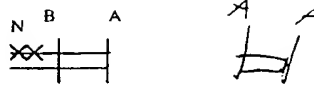
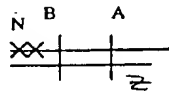


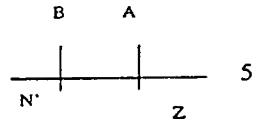
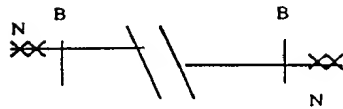
Fig 10A.



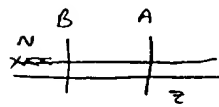
Fill-in with ddGTP  
Ligate to Z-adaptor (3' protected)



Linearize with ExonucleaseIII



PCR with N (5' protected) + Z-tag



T7 gene 6 treatment

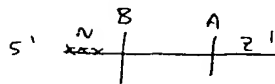
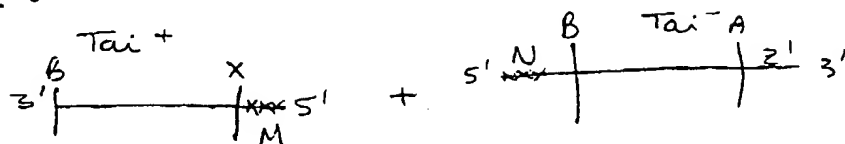


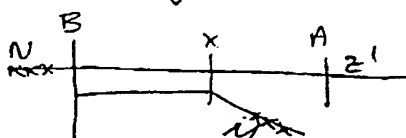
Fig. 10B

Figure 11

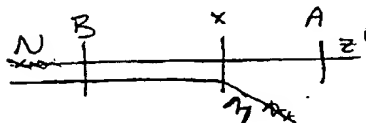
Hybridization of  $Tai^+$  and  $Tai^-$



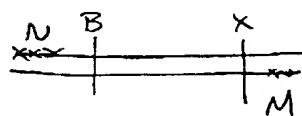
↓ hybridize



↓ extend with  $T_4$  DNA polymerase  
or sequenase



↓ PCR with N + M primers



= reference SNP library